

U.S. Department of Commerce, Patent and Trademark Office LIST OF RELEVANT ART CITED BY APPLICANT (Use several sheets if necessary)				Docket No.: 6900/Y01/SYNX/SYNX/JW		Serial No.: 10/650,310	
				Applicants: Michael R. Rice, et al.			
				Filing Date: August 28, 2003		Group: 3651	

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U.S. Patent Documents							
*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
JB	US-1	4,006,813	Rene Fluck				
	US-2	4,166,527	Earl F. Beezer				
	US-3	4,222,479	Dugan, et al.				
	US-4	4,294,344	Johannes D. van Maanen				
	US-5	4,450,950	James C. Foote, Jr.				
	US-6	4,538,720	Jean-Louis Limousin				
	US-7	4,552,261	Raudat, et al.				
	US-8	4,584,944	Clarence A. Dehne				
	US-9	4,653,630	Anna Bravin				
	US-10	4,679,685	Kenji Inoko				
JB	US-11	4,702,365	Chong-Il Pak				

Foreign Patent Documents							Translation	
Document Number	Date	Country	Class	Subclass	Yes	No		
JB	F-1	JP 02098157 A	04/10/90	Japan			Abstract	
JB	F-2	JP 00062949 A	02/29/00	Japan			Abstract	
JB	F-3	JP 00335799 A	12/05/00	Japan			Abstract	
JB	F-4	WO 97/09256 A1	03/13/97	WIPO			Abstract	
JB	F-5	WO 00/69724 A1	11/23/00	WIPO			X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
JB	OT-1	Virvalo, T.K., "Cylinder Speed Synchronization", Dec. 1978, Hydraulics and Pneumatics, Vol. 31, No. 12, pages 55-57.
JB	OT-2	Cheng, et al., "Adaptive Synchronization Control of a Robotic Manipulator Operating in an Intelligent Workcell", April 1990, IEEE Transactions on Industrial Electronics, Vol. 37, No. 2, pages 119-126.
JB	OT-3	Shih-Hung Li, et al. "An Ultrahigh Speed Assembly Robot System. Part I. Design", 1994, Proceedings 1994 Japan-U.S.A. Symposium on Flexible Automation - A Pacific Rim Conference, Vol. 2, pages 465-72.

Examiner	Date Considered
	/James Bidwell/ (02/21/2007)

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JB	US-12	4,708,727	11/24/87	Cardenas-Franco, et al.			
	US-13	4,720,006	01/19/88	Harald Lenherr			
	US-14	4,750,605	06/14/88	Brems, et al.			
	US-15	4,852,717	08/01/89	Ross, et al.			
	US-16	4,901,843	02/20/90	Jeffrey A. Lashyro			
	US-17	4,921,092	05/01/90	Crawford, et al.			
	US-18	5,052,544	10/01/91	David L. Anderson			
	US-19	5,092,450	03/03/92	Schommartz, et al.			
	US-20	5,123,518	06/23/92	Ernest H. Pfaff			
	US-21	5,341,915	08/30/94	Cordia, et al.			
JB	US-22	5,560,471	10/01/96	Prochut, et al.			

Foreign Patent Documents

Translation

		Document Number	Date	Country	Class	Subclass	Yes	No
JB	F-6	EP 0717717 B1	07/07/99	EPO			X	
	F-7	EP 00735927 B1	11/03/99	EPO			Abstract	
	F-8	EP 00912426 B1	08/09/00	EPO			Abstract	
	F-9	EP 0 663 686 A1	07/19/95	EPO			X	
JB	F-10	EP 0 365 589 B1	09/23/92	EPO			X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

JB	OT-4	Roberts, et al., "Feed Chute Geometry for Minimum Belt Wear", Sept. 1998, 6th International Conference on Bulk Materials Storage, Handling and Transportation, pages 153-159.
JB	OT-5	Saigo, et al., "Drive Control Systems for Processing Lines", 11/10/2000, Fuji Jiho (Fuji Electric Journal), Vol. 73, No. 11, pages 45-49, Japanese language (Abstract only).
JB	OT-6	Saigo, K., "Variable-speed Drive Systems for Industrial Plants", 11/10/2000, Fuji Jiho (Fuji Electric Journal), Vol. 73, No. 11, pages 10-14, Japanese language (Abstract only).

Examiner	Date Considered /James Bidwell/ (02/21/2007)
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JB	US-23	5,653,327	08/05/97	Buday, Jr., et al.			
	US-24	5,664,254	09/02/97	Ohkura, et al.			
	US-25	5,782,338	07/21/98	Schuster, et al.			
	US-26	5,797,249	08/25/98	Thomas Patterson Hartness			
	US-27	5,829,574	11/03/98	Mario DelSanto			
	US-28	5,865,292	02/02/99	Aguilar, et al.			
	US-29	5,887,701	03/30/99	Mario Spatafora			
	US-30	6,209,710	04/03/01	Mueller, et al.			
	US-31	6,223,887	05/01/01	Naoyuki Andou			
	US-32	6,227,346	05/08/01	Lecomte, et al.			
JB	US-33	6,227,348	05/08/01	Frei, et al.			

Foreign Patent Documents

Translation

		Document Number	Date	Country	Class	Subclass	Yes	No
JB	F-11	EP 0 277 536 A	08/10/88	EPO			Abstract	
JB	F-12	JP 63-020151	01/27/88	Japan			Abstract	
JB	F-13	JP 10-256346	09/25/98	Japan			X	
	F-14							
	F-15							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

JB	OT-7	Park, et al., "Task Sequence Optimization for a Dual-Robot Assembly System using Evolutionary Algorithms", 2001, Proceedings of the Institution of Mechanical Engineers, Part B (Journal of Engineering Manufacture), Vol. 215, No. B6, pages 835-46.
	OT-8	
	OT-9	

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JB	US-34	6,234,300	05/22/01	De Vos, et al.			
	US-35	5,372,471	12/13/94	Wu			
	US-36	4,027,246	05/31/77	Caccoma et al.			
	US-37	6,082,948	07/04/00	Fishkin et al.			
	US-38	5,888,042	03/30/99	Oda			
	US-39	6,048,259	04/11/00	Asai			
	US-40	5,390,785	02/21/95	Garric et al.			
	US-41	3,845,286	10/29/74	Aronstein et al.			
	US-42	6,026,561	02/22/00	Lafond			
	US-43	5,884,392	03/23/99	Lafond			
JB	US-44	5,411,358	05/02/95	Garric et al.			

Foreign Patent Documents							Translation	
Document Number	Date	Country	Class	Subclass	Yes	No		
F-16								
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
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JB	US-45	5,382,127	01/17/95	Garric et al.			
	US-46	5,388,945	02/14/95	Garric et al.			
	US-47	5,818,716	10/06/98	Chin et al.			
	US-48	5,612,886	03/18/97	Weng			
	US-49	5,976,199	11/02/99	Wu et al.			
	US-50	5,256,204	10/26/93	Wu			
	US-51	5,110,249	05/05/92	Arthur E. Norman			
	US-52	6,036,426	03/14/00	Gary Hillman			
	US-53	6,183,186	06/06/01	Peltola et al.			
	US-54	4,401,522	08/30/83	Buschow et al.			
JB	US-55	4,534,843	08/13/85	Johnson et al.			

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JB	US-56	4,540,088	09/10/85 Bergh				
	US-57	4,650,264	03/17/87 Dahnert				
	US-58	4,775,046	10/04/88 Gramarossa et al.				
	US-59	6,309,279	07/10/01 Bowman et al.				
	US-60	6,235,634	05/22/01 Law et al.				
	US-61	2002/0090282	07/11/02 Bachrach				
	US-62	2003/0010449	01/16/03 Gramarossa et al.				
	US-63	5,460,478	10/08/95 Akimoto et al.				
	US-64	5,957,648	09/08/99 Bachrach				
	US-65	6,826,986	12/08/04 Lim et al.				
JB	US-66	2004/0062633 A1	04/08/04 Rice et al.				

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F-26								
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JB	US-67	2005/0095110 A1	05/08/05	Lowrance et al.			
	US-68	2004/0081538 A1	04/08/04	Rice et al.			
	US-69	2004/0082546	04/08/04	Elliott et al.			
	US-70	2004/0193300	09/08/04	Rice et al.			
	US-71	2004/0081545	04/08/04	Elliott et al.			
JB	US-72	2004/0076596	04/08/04	Elliott et al.			
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JB	US-1	6,579,052 B1	Bonora et al.				
	US-2	5,980,183	Fosnight				
	US-3	4,805,759	Rochet et al.				
	US-4	5,332,013	Sugita et al.				
	US-5	5,570,990	Bonora et al.				
	US-6	6,524,463	Gramarossa et al.				
	US-7	5,668,056	Wu et al.				
	US-8	2004/0076496	Elliot et al.				
	US-9	2005/0273191	Englhardt et al.				
	US-10	2004/0191030	Rice et al.				
JB	US-11	6,440,178	Berner et al.				

Foreign Patent Documents							Translation	
Document Number	Date	Country	Class	Subclass	Yes	No		
F-1								
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JB	US-12	6,083,566	07-2000	Whitcsell			
	US-13						
	US-14						
	US-15						
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